

```
=> s root preferred promoter element
L2          0 ROOT PREFERRED PROMOTER ELEMENT

=>
=> s => s root preferred promoter
MISSING TERM BEFORE '>='
Search expressions cannot begin with operators.

=> s root preferred promoter
L3          3 ROOT PREFERRED PROMOTER

=> s root preferred
L4          11 ROOT PREFERRED

=> s tissue preferred
L5          72 TISSUE PREFERRED

=> s tissue preferred promoter element
L6          0 TISSUE PREFERRED PROMOTER ELEMENT

=>

IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (>).

=> s plant
L7          2170897 PLANT

=> s plant promoter
L8          1016 PLANT PROMOTER

=> d his

(FILE 'HOME' ENTERED AT 13:51:01 ON 05 MAR 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:51:33 ON 05 MAR 2003
L1          11 S ROOT PREFERRED
L2          0 S ROOT PREFERRED PROMOTER ELEMENT
L3          3 S ROOT PREFERRED PROMOTER
L4          11 S ROOT PREFERRED
L5          72 S TISSUE PREFERRED
L6          0 S TISSUE PREFERRED PROMOTER ELEMENT
L7          2170897 S PLANT
L8          1016 S PLANT PROMOTER

=> s l8 and l5
L9          6 L8 AND L5

=> s l9 and l4
L10         0 L9 AND L4

=> d 19 1-6

L9  ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN  2002:93313 BIOSIS
DN  PREV200200093313
TI  Synthetic DNA sequences having enhanced insecticidal activity in maize.
AU  Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.; Warren, Gregory W. ;
Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Rothstein, Steven
J. (1); Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M. ;
Suttie, Janet L.
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CS (1) Guelph Canada
ASSIGNEE: Syngenta Investments, Inc., Wilmington, DE, USA
PI US 6320100 November 20, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Nov. 20, 2001) Vol. 1252, No. 3, pp. No Pagination.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 2 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:209468 BIOSIS
DN PREV200100209468
TI Method for producing a plant-optimized nucleic acid coding sequence.
AU Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.
ASSIGNEE: Novartis Finance Corporation
PI US 6121014 September 19, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Sep. 19, 2000) Vol. 1238, No. 3, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:79813 BIOSIS
DN PREV200100079813
TI Synthetic DNA sequence having enhanced insecticidal activity in maize.
AU Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.; Warren, Gregory W.;
Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Rothstein, Steven
J. (1); Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.;
Suttie, Janet L.
CS (1) Guelph Canada
ASSIGNEE: Novartis Finance Corporation
PI US 6075185 June 13, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(June 13, 2000) Vol. 1235, No. 2, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:461127 BIOSIS
DN PREV200000461127
TI Synthetic DNA sequence having enhanced insecticidal activity in maize.
AU Koziel, Michael G.; Desai, Nalini M.; Warren, Gregory W.; Evola, Stephen
V.; Wright, Martha S.; Launis, Karen L.; Bowman, Cindy G.; Dawson, John
L.; Dunder, Erik M.; Pace, Gary M.; Suttie, Janet L.
ASSIGNEE: Novartis Finance Corporation
PI US 6051760 April 18, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Apr. 18, 2000) Vol. 1233, No. 3, pp. No pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:334977 BIOSIS
DN PREV200000334977
TI Nucleic acid promoter fragment isolated from a plant tryptophan synthase
alpha subunit (*trpA*) gene.
AU Koziel, Michael G. (1); Desai, Nalini M.; Lewis, Kelly S.; Kramer, Vance
C.; Warren, Gregory W.; Evola, Stephen V.; Wright, Martha S.; Launis,
Karen L.; Rothstein, Steven J.; Bowman, Cindy G.; Dawson, John L.; Dunder,
Erik M.; Pace, Gary M.; Suttie, Janet L.

CS (1) Cary, NC USA
 ASSIGNEE: Novartis Finance Corporation
 PI US 6018104 January 25, 2000
 SO Official Gazette of the United States Patent and Trademark Office Patents,
 (Jan. 25, 2000) Vol. 1230, No. 4, pp. No pagination. e-file.
 ISSN: 0098-1133.
 DT Patent
 LA English

L9 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:315722 CAPLUS
 DN 126:326886
 TI Synthetic genes for .delta.-endotoxins optimized for expression in corn
 and the construction of insect-resistant plants
 IN Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.; Kramer, Vance C.;
 Warren, Gregory W.; Evola, Stephen V.; Crossland, Lyle D.; Wright, Martha
 S.; Merlin, Ellis J.; Launis, Karen L.; Rothstein, Steven J.; Bowman,
 Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.; Suttie, Janet
 L.
 PA Ciba-Geigy Corporation, USA
 SO U.S., 214 pp., Cont.-in-part of U.S. Ser. No. 772,027, abandoned.
 CODEN: USXXAM

DT Patent
 LA English
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5625136	A	19970429	US 1992-951715	19920925
	WO 9307278	A1	19930415	WO 1992-US8476	19921005
	W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG				
	AU 9227952	A1	19930503	AU 1992-27952	19921005
	EP 618976	A1	19941012	EP 1992-922321	19921005
	EP 618976	B1	20020807		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, SE				
	JP 07500012	T2	19950105	JP 1992-507123	19921005
	BR 9206578	A	19950411	BR 1992-6578	19921005
	HU 68261	A2	19950628	HU 1994-960	19921005
	HU 220294	B	20011128		
	RO 110263	B1	19951130	RO 1994-539	19921005
	EP 1209237	A2	20020529	EP 2002-1453	19921005
	EP 1209237	A3	20020731		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, IE				
	EP 1213356	A2	20020612	EP 2002-1448	19921005
	EP 1213356	A3	20020619		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, IE				
	AT 221916	E	20020815	AT 1992-922321	19921005
	US 6403865	B1	20020611	US 1995-438666	19950510
	US 5859336	A	19990112	US 1995-459448	19950602
	US 6018104	A	20000125	US 1995-459595	19950602
	US 6051760	A	20000418	US 1995-460408	19950602
	US 6075185	A	20000613	US 1995-459504	19950602
	US 6121014	A	20000919	US 1995-459444	19950602
	US 6320100	B1	20011120	US 2000-547422	20000411
PRAI	US 1991-772027	B2	19911004		
	US 1990-573105	A	19900824		
	US 1991-659433	A	19910225		
	US 1992-951715	A1	19920925		
	EP 1992-922321	A3	19921005		
	WO 1992-US8476	A	19921005		
	US 1993-8374	B1	19930125		
	US 1995-459504	A1	19950602		

=> d his

(FILE 'HOME' ENTERED AT 13:51:01 ON 05 MAR 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:51:33 ON 05 MAR 2003

L1 11 S ROOT PREFERRED
L2 0 S ROOT PREFERRED PROMOTER ELEMENT
L3 3 S ROOT PREFERRED PROMOTER
L4 11 S ROOT PREFERRED
L5 72 S TISSUE PREFERRED
L6 0 S TISSUE PREFERRED PROMOTER ELEMENT
L7 2170897 S PLANT
L8 1016 S PLANT PROMOTER
L9 6 S L8 AND L5
L10 0 S L9 AND L4

=> d 11 1-11

L1 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:492315 BIOSIS
DN PREV200100492315
TI Promoter elements conferring **root-preferred** gene expression.
AU Bruce, Wesley; Lu, Guihua
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6228645 May 08, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents,
(May 8, 2001) Vol. 1246, No. 2, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L1 ANSWER 2 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:245364 BIOSIS
DN PREV200100245364
TI Promoter elements conferring **root-preferred** gene expression.
AU Bruce, Wesley (1); Lu, Guihua
CS (1) Urbandale, IA USA
ASSIGNEE: Pioneer Hi-Bred International, Inc.
PI US 6140080 October 31, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Oct. 31, 2000) Vol. 1239, No. 5, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L1 ANSWER 3 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:202782 BIOSIS
DN PREV200000202782
TI A novel *cis*-acting element conferring **root-preferred** gene expression in maize.
AU Lu, Guihua; Bruce, Wesley B. (1)
CS (1) Pioneer Hi-Bred International, Inc., Johnston, IA, 50131 USA
SO Journal of Plant Physiology, (Feb., 2000) Vol. 156, No. 2, pp. 277-283.
ISSN: 0176-1617.
DT Article
LA English
SL English

L1 ANSWER 4 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1989:24470 BIOSIS

DN BA87:12470
TI VARIATION IN NITRATE REDUCTASE ACTIVITY BY VARIOUS SOURCES OF NITROGEN IN
EARLIER STAGES OF GROWTH IN SUGARCANE.
AU RAI R K; SHRIVASTAVA A K; GHOSH A K; SAXENA Y R
CS INDIAN INST. SUGARCANE RES., LUCKNOW, INDIA.
SO INDIAN J PLANT PHYSIOL, (1988) 31 (2), 200-204.
CODEN: IPPYA2. ISSN: 0019-5502.
FS BA; OLD
LA English

L1 ANSWER 5 OF 11 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 1979:186118 BIOSIS
DN BA67:66118
TI NOTES ON THE BIOLOGY OF PISSODES-FASCIATUS AND ITS INSECT ASSOCIATES
COLEOPTERA CURCULIONIDAE.
AU DEYRUP M A
CS DEP. ENTOMOL., PURDUE UNIV., WEST LAFAYETTE, INDIANA 47907, USA.
SO PAN-PAC ENTOMOL, (1978) 54 (2), 103-106.
CODEN: PPETA9. ISSN: 0031-0603.
FS BA; OLD
LA English

L1 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2001:545876 CAPLUS
DN 135:133113
TI Plant **root-preferred** genetic elements (promoter and
silencer) and their uses
IN Bruce, Wesley B.; Niu, Xiping
PA Pioneer Hi-Bred International, Inc., USA
SO PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001053502	A2	20010726	WO 2001-US2011	20010119
	WO 2001053502	A3	20011213		
	WO 2001053502	C2	20030103		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	US 2001047525	A1	20011129	US 2001-766113	20010119
	EP 1248850	A2	20021016	EP 2001-904971	20010119
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
PRAI	US 2000-177473P	P	20000121		
	WO 2001-US2011	W	20010119		

L1 ANSWER 7 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2001:331249 CAPLUS
DN 134:348977
TI A novel **cis**-acting promoter element conferring **root-**
preferred gene expression in transgenic plant
IN Bruce, Wesley; Lu, Guihua
PA Pioneer Hi-Bred International, Inc., USA
SO U.S., 27 pp., Cont.-in-part of U.S. Ser. No. 649,172, abandoned.
CODEN: USXXAM

DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6228645	B1	20010508	US 1997-996069	19971222
	US 6140080	A	20001031	US 1998-150805	19980910
PRAI	US 1996-649172	B2	19960517		
	US 1997-996069	A3	19971222		

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 8 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2000:646145 CAPLUS

DN 133:248047

TI Sequences of maize metallothionein gene and root-specific promoter, and uses thereof in altering metal metabolism in plants

IN Ritchie, Steven W.

PA Pioneer Hi-Bred International, Inc., USA

SO PCT Int. Appl., 63 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000053763	A1	20000914	WO 2000-US5850	20000307
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	US 2002100079	A1	20020725	US 2002-57461	20020125
	US 2002162139	A1	20021031	US 2002-57542	20020125
PRAI	US 1999-123510P	P	19990308		
	US 2000-520268	A3	20000307		
	US 2000-526268	A3	20000315		

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 9 OF 11 CAPLUS COPYRIGHT 2003 ACS
AN 2000:368566 CAPLUS

DN 133:14805

TI The **root-preferred** promoter of the KNOX1 gene of maize and its use in genetic engineering of plants

IN Bruce, Wesley B.; Sims, Lynne E.

PA Pioneer Hi-Bred International, Inc., USA

SO PCT Int. Appl., 50 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000031249	A1	20000602	WO 1999-US27236	19991117
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, EE, EE, ES, FI, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,				

US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 EP 1133556 A1 20010919 EP 1999-960418 19991117
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO
 US 6518483 B1 20030211 US 1999-444905 19991122
 PRAI US 1998-109721P P 19981124
 WO 1999-US27236 W 19991117

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 2000:228171 CAPLUS
 DN 133:145742
 TI A novel cis-acting element conferring **root-preferred**
gene expression in maize
 AU Lu, Guihua; Bruce, Wesley B.
 CS Pioneer Hi-Bred International, Inc., Johnston, IA, 50131, USA
 SO Journal of Plant Physiology (2000), 156(2), 277-283
 CODEN: JPPHEY; ISSN: 0176-1617
 PB Urban & Fischer Verlag
 DT Journal
 LA English
 RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L1 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:776252 CAPLUS
 DN 128:58292
 TI Isolation and characterization of promoter elements conferring
root-preferred gene expression in corn
 IN Bruce, Wesley; Lu, Guihua
 PA Pioneer Hi-Bred International, Inc., USA
 SO PCT Int. Appl., 48 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9744448	A1	19971127	WO 1997-US8181	19970514
	W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		RW:	GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG
	AU 9731256	A1	19971209	AU 1997-31256	19970514
	AU 713013	B2	19991118		
	EP 907728	A2	19990414	EP 1997-926505	19970514
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
PRAI	US 1996-649172	A	19960517		
	WO 1997-US8181	W	19970514		

=> d his

(FILE 'HOME' ENTERED AT 13:51:01 ON 05 MAR 2003)

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 13:51:33 ON 05 MAR 2003
L1 11 S ROOT PREFERRED
L2 0 S ROOT PREFERRED PROMOTER ELEMENT
L3 3 S ROOT PREFERRED PROMOTER
L4 11 S ROOT PREFERRED
L5 72 S TISSUE PREFERRED
L6 0 S TISSUE PREFERRED PROMOTER ELEMENT
L7 2170897 S PLANT
L8 1016 S PLANT PROMOTER
L9 6 S L8 AND L5
L10 0 S L9 AND L4

=> d 19 1-6

L9 ANSWER 1 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2002:93313 BIOSIS
DN PREV200200093313
TI Synthetic DNA sequences having enhanced insecticidal activity in maize.
AU Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.; Warren, Gregory W.;
Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Rothstein, Steven
J. (1); Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.;
Suttie, Janet L.
CS (1) Guelph Canada
ASSIGNEE: Syngenta Investments, Inc., Wilmington, DE, USA
PI US 6320100 November 20, 2001
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Nov. 20, 2001) Vol. 1252, No. 3, pp. No Pagination.
<http://www.uspto.gov/web/menu/patdata.html>. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 2 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:209468 BIOSIS
DN PREV200100209468
TI Method for producing a plant-optimized nucleic acid coding sequence.
AU Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.
ASSIGNEE: Novartis Finance Corporation
PI US 6121014 September 19, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(Sep. 19, 2000) Vol. 1238, No. 3, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 3 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2001:79813 BIOSIS
DN PREV200100079813
TI Synthetic DNA sequence having enhanced insecticidal activity in maize.
AU Koziel, Michael G.; Desai, Nalini M.; Lewis, Kelly S.; Warren, Gregory W.;
Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Rothstein, Steven
J. (1); Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.;
Suttie, Janet L.
CS (1) Guelph Canada
ASSIGNEE: Novartis Finance Corporation
PI US 6075185 June 13, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents,
(June 13, 2000) Vol. 1235, No. 2, pp. No Pagination. e-file.
ISSN: 0098-1133.
DT Patent
LA English

L9 ANSWER 4 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
AN 2000:461127 BIOSIS

DN PREV200000461127
 TI Synthetic DNA sequence having enhanced insecticidal activity in maize.
 AU Koziel, Michael G.; Desai, Nalini M.; Warren, Gregory W.; Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.; Suttie, Janet L.
 ASSIGNEE: Novartis Finance Corporation
 PI US 6051760 April 18, 2000
 SO Official Gazette of the United States Patent and Trademark Office Patents, (Apr. 18, 2000) Vol. 1233, No. 3, pp. No pagination. e-file.
 ISSN: 0098-1133.
 DT Patent
 LA English

L9 ANSWER 5 OF 6 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC.
 AN 2000:334977 BIOSIS
 DN PREV200000334977
 TI Nucleic acid promoter fragment isolated from a plant tryptophan synthase alpha subunit (*trpA*) gene.
 AU Koziel, Michael G. (1); Desai, Nalini M.; Lewis, Kelly S.; Kramer, Vance C.; Warren, Gregory W.; Evola, Stephen V.; Wright, Martha S.; Launis, Karen L.; Rothstein, Steven J.; Bowman, Cindy G.; Dawson, John L.; Dunder, Erik M.; Pace, Gary M.; Suttie, Janet L.
 CS (1) Cary, NC USA
 ASSIGNEE: Novartis Finance Corporation
 PI US 6018104 January 25, 2000
 SO Official Gazette of the United States Patent and Trademark Office Patents, (Jan. 25, 2000) Vol. 1230, No. 4, pp. No pagination. e-file.
 ISSN: 0098-1133.
 DT Patent
 LA English

L9 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2003 ACS
 AN 1997:315722 CAPLUS
 DN 126:326886
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 PA Ciba-Geigy Corporation, USA
 SO U.S., 214 pp., Cont.-in-part of U.S. Ser. No. 772,027, abandoned.
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